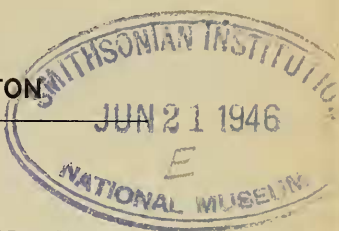


PROCEEDINGS  
OF THE  
BIOLOGICAL SOCIETY OF WASHINGTON



NECESSARY CHANGES OF NAMES IN THE  
COLEOPTEROUS FAMILY SCARABAEIDAE\*

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The following nomenclatorial changes appear to be necessary under the International Rules of Zoological Nomenclature.

*Ateuchus* Weber

*Ateuchus* Weber, 1801, *Observ. entomologicae*, p. 10, 37.

*Ateuchus* Fabricius, 1801, *Syst. Eleuth.*, Vol. 1, p. 54.

*Choeridium* Serville, 1825, *Encycl. métho.*, Vol. 10, p. 356.

The generic name *Ateuchus* was first proposed by Weber in 1801 for a new species, *A. histeroides*, from North America. At almost the same time Fabricius proposed the same name as new, for a group of 58 species, 44 from the Old World and 14 from the New World. Since both papers are dated 1801, internal evidence of prior publication for one or the other was sought. The following facts were noted: Weber's introduction is dated Aug. 1, 1800 (Calendis Augusti MDCCC), that in Fabricius is dated April 10, 1801. Both works were published by the same printing house. This would indicate prior publication for Weber and that prior publication is established by a citation to Weber by page and species number on page 47 of Fabricius' work. Therefore, *Ateuchus* Weber returns to the American list and replaces *Choeridium* Serville 1825.

*Kolbeus* hornii (Rivers)

*Bradycinetus hornii* Rivers, 1886. *Bull. Calif. Acad. Science*, Vol. II, p. 61.

*Kolbeus* minor (Linell)

*Bradycinetus minor* Linell, 1896, *Proc. U. S. Nat. Mus.*, Vol. 18 (1895), p. 723.

These two species are closely related to *Kolbeus arcuatus* (Bts.). The genus *Kolbeus* was set up by Boucomont, 1911, *Ann. Soc. ent. France*, Vol. 79 (1910), p. 335, for the two species *Bolboceras arcuatus* Bates and *Bolboceras coreanus* Kolbe. As no type was designated, the writer selects *B. arcuatus* Bts., the first of the two, as type of *Kolbeus* Bouc.

*Hoplia callipyge* Leconte

*Hoplia callipyge* Lec., 1856, *Journ. Acad. Nat. Sci. Philadelphia*, Ser. 2, Vol. 3, p. 285.

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*Hoplia pubicollis* Lec., 1856, loc. cit., p. 285. Not *Hoplia pubicollis* Küster 1849.)

*Hoplia oregona* Lec., 1856, loc. cit., p. 284.

*Hoplia convexula* Lec., 1856, loc. cit., p. 285.

*Hoplia irrorata* Lec., 1857, Rept. Explor. Survey, IX, no. 1, p. 40. (Not *Hoplia irrorata* Blanch. 1850.)

*Hoplia mutata* Gemminger and Harold, 1869, Catalogus Coleopterorum, Vol. 4, p. 1113. (New name for *irrorata* Lec.).

*Hoplia lecontei* Dalla Torre, 1913, Coleopt. Catalogus (Junk), Pars 50, p. 376 (new name for *pubicollis* Lec.).

The acceptance of *Hoplia oregona* Lec. as the correct name for this species (Boyer, 1940, Microentomology, Vol. 5, Part 1, p. 16) appears to be incorrect under the International Code, in that it disregards the right of a previous reviser. When two or more names are published simultaneously and prove later to be synonyms, the first reviser may select any one of them to stand and, providing the name selected is valid, his decision is final (Article 28). The use of the method of "page priority" in selecting the proper name is not obligatory; it appears in the code as Recommendation "t" under Article 30 "All other things being equal, page precedence should obtain in selecting a type."

Leconte in 1856 proposed four names, *oregona*, *callipyge*, *convexula* and *pubicollis* for what are now considered as four color phases or forms of a single species. In 1880, the same author recognized part of this synonymy and suppressed *oregona* and *convexula* under *pubicollis*. However, as *pubicollis* Leconte 1856 is a homonym of *pubicollis* Küster 1849, his right as first reviser is void and a new selection was necessary. This was done by Dalla Torre in 1913 (Coleopt. Catalogus, Junk, Pars 50, p. 372) who selected *convexula* Lec. for the species with *oregona*, *pubicollis* and others as synonyms. Therefore, in 1940 when Boyer extended the synonymy to include *callipyge*, he had the choice of either *callipyge* or *convexula* as the correct name of the species since *oregona* had already been synonymized. As between those names, the writer selects *Hoplia callipyge* Lec.

#### *Cotinis palliata* (Gory-Percheron)

*Gymnetis palliata* Gory-Percheron, 1833, Monog. Cétoines, p. 336, Pl. 67, fig. 2.

*Cotinis arizonica* Casey, 1915, Mem. Coleopt., Vol. 6, p. 287.

Gory and Percheron described the species *Gymnetis palliata* as from California. In 1869, Gemminger and Harold referred it to the genus *Cotinis* and suppressed the name as synonym of *Cotinis sobrina* (G.-P.). Further to confuse the issue, the locality record of California is changed to Mexico. Dalla Torre, in Coleopt. Catalogus (Junk) Pars 72, p. 85, 1921, places both *sobrina* and *palliata* as aberrations of *C. mutabilis* G.-P. and continues to use the false citation of locality. The name is omitted from the Henshaw and Leng check-lists. Casey's *arizonica* appears certainly to be the same as Gory-Percheron's *palliata*.